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Semestral Plan for Sec 4 Normal (Academic) Additional Mathematics 2023

The document captures the curriculum and assessment plan for Sec 4 Normal (Academic) for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 3	Chapter 12 – Differentiation
Term 1 Week 3 – 6	Chapter 13 – Tangents, Normal and Rates of Change
Term 1 Week 7 – 8	Chapter 14 – Maxima and Minima
Term 1 Week 7	Weighted Assessment 1 (WA1)
Term 1 Week 9	Chapter 16 – Integration
Term 1 Week 10	Wealth Week
11 March to 19 March	March Holidays
Term 2 Week 1 – 3	Chapter 17 – Applications of Integration
Term 2 Week 4 – 6	Revision
Term 2 Week 5	Weighted Assessment 2 (WA2) & Timed Practice
Term 3 Week 7 – 10	Revision
27 May to 25 June	Term 2 Week 9
Term 3 Week 1 – 4	Revision
Term 3 Week 5 – 7	Preliminary Examination
Term 3 Week 8 – 9	Go through exam papers
Term 3 Week 10	Revision
2 September to 10 September	September Holidays
Term 4 Week 1 – 2	N Level Examination
Term 4 Week 3	Revision
Term 4 Week 4 – 5	N Level Examination

Syllabus for GCE O Level Mathematics (Subject code: 4051) can be retrieved from SEAB website: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4051_y23_sy.pdf

2 Assessment Plan

WA1: 15%

WA2: 15%

Preliminary Exam: 70%

Assessment Components	Tentative Date	Topics covered
WA1	Term 1 Week 7	Chapter 9 to 13
WA2	Term 2 Week 5	Sec 3 to 4 topics
Preliminary Exam	Term 3 Week 5 - 7	Sec 3 to 4 topics
GCE 'N' Level Exam	Term 4 Week 1 – 2 & 4 – 5	Sec 3 to 4 topics

Preliminary Exam Format

Paper	Weightage	Duration	Remarks
Paper 1	50%	1 h 45 minutes	<ul style="list-style-type: none">• All topics• 70 marks• There will be 13 – 15 questions of varying marks and lengths.• Candidates are required to answer all questions.
Paper 2	50%	1 h 45 minutes	<ul style="list-style-type: none">• All topics• 70 marks• There will be 8 – 10 questions of varying marks and lengths.• Candidates are required to answer all questions.

3 Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the respective mathematics teacher, Ms Hannah Ho, should further clarification be needed on this matter.